

0300 \$  
Docket No.: PA-0033 US

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Sequence, P.O. Box 2327, Arlington, VA 22202 on August 9, 2002.

By: Joyce Abriam Printed: Joyce Abriam

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Schebye et al.

Title: CDNAS EXPRESSED IN ADIPOCYTE DIFFERENTIATION

Serial No.: 09/918,624 Filing Date: July 30, 2001

Examiner: Duffy, P. Group Art Unit: 1645

**Box Sequence**  
United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

**TRANSMITTAL FEE SHEET**

Sir:  
Transmitted herewith are the following for the above-identified application:

1. Return Receipt Postcard;
2. Response to Notice to Comply (1 pg.); app.
3. Copy of said Notice to Comply (~~10~~ pp.);
4. Substitute Submission Under 37 CFR § 1.821-1.825 Sequence Listing (1 pg.);
5. One (1) Substitute computer-readable CDR; and
6. Petition for Extension of Time - Three (3) months (1pg.).

The fee has been calculated as shown below.

       No additional Fee is required.  
  X   Fee for Petition for Extension of Time Under 37 CFR - 1.17(a) -   3   Mo(s). \$ 920.00  
  X   Please charge Deposit Account No. 09-0108 in the amount of : \$ 920.00

The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17, or credit overpayment to Deposit Account No. 09-0108. **A duplicate copy of this sheet is enclosed.**

Respectfully submitted,

INCYTE GENOMICS, INC.

Date: 09 August 2002

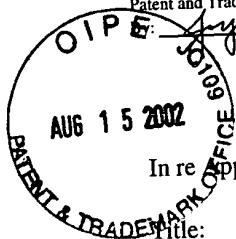
Lynn E. Murry, Ph.D.  
for Lynn E. Murry, Ph.D.  
Reg. No. 42,918  
Direct Dial Telephone: (650) 845-4159

3160 Porter Drive  
Palo Alto, California 94304  
Phone: (650) 855-0555  
Fax: (650) 845-4166

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: United States Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202 on August 9, 2002.

Printed: Joyce Abriam



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Schebye et al.

Title: CDNAS EXPRESSED IN ADIPOCYTE DIFFERENTIATION

Serial No.: 09/918,624

Filing Date: July 30, 2001

Examiner: Duffy, P.

Group Art Unit: 1645

United States Patent and Trademark Office  
Box Sequence, P.O. Box 2327  
Arlington, VA 22202

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE  
AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed by the United States Patent and Trademark Office on March 20, 2002 (copy attached), Applicants submit the following documents to complete the filing for the above-identified patent application. The period of time for response has been extended until August 20, 2002, by the accompanying Petition and fee.

1. **Substitute** Submission Under 37 CFR §1.821-1.825 Sequence Listing (1 pg);
2. One (1) **Substitute** computer-readable CD-R; and
3. Petition for Extension of Time (3 months) ( 1 pg.).

Applicants believe that a fee is not necessary with this communication. However, if the Commissioner determines that additional fees are due or that an excess fee has been paid, the Patent Office is authorized to debit or credit (respectively) Deposit Account No. **09-0108**.

If there are any questions regarding the above, the Examiner is invited to call the undersigned.

Respectfully submitted,

INCYTE GENOMICS, INC.

Lynn E. Murry, Ph.D.

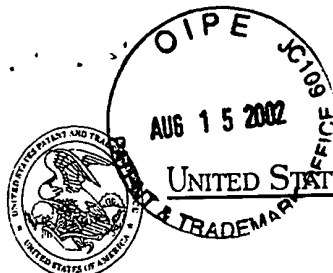
Reg. No. 42,918

Direct Dial Telephone: (650) 845-4159

Date: 09 August 2002

Richard Shuster Reg No. 37,027  
for

3160 Porter Drive  
Palo Alto, California 94304  
Phone: (650) 855-0555  
Fax: (650) 849-8886



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/918,624	07/30/2001	Xiao Min Schebye	PA-0033 US

CONFIRMATION NO. 3179

FORMALITIES LETTER



\*OC000000007673537\*

INCYTE GENOMICS, INC.  
LEGAL DEPARTMENT  
3160 PORTER DRIVE  
PALO ALTO, CA 94304

Date Mailed: 03/20/2002

### NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

*A copy of this notice **MUST** be returned with the reply.*

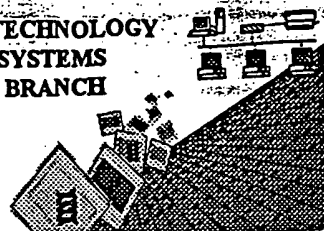
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



## **RAW SEQUENCE LISTING** **ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



0300

1500

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/918,624A  
Source: OIPF  
Date Processed by STIC: 1/26/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**  
**VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,  
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Due 8/20

PA-0033 US.



OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/918,624A

DATE: 01/26/2002  
TIME: 12:53:20

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Output Set : N:\CRF3\01252002\I918624A.raw

Does Not Comply  
Corrected Diskette Needed

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2 Sornasse, Thierry  
4 <120> TITLE OF INVENTION: CDNAS EXPRESSED IN ADIPOCYTE DIFFERENTIATION  
6 <130> FILE REFERENCE: PA-0033 US  
8 <140> CURRENT APPLICATION NUMBER: US/09/918,624A  
9 <141> CURRENT FILING DATE: 2002-01-04  
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(global error)

This indicates an error

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C3097 and  
response are  
mandatory

whenever  
C3087 has  
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/918,624A

DATE: 01/26/2002

TIME: 12:53:20

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/918,624A

DATE: 01/26/2002  
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*FYI* The alignment has been done in the Sequence Listing  
The alignment is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

The types of errors shown exist throughout  
the Sequence Listing. Please check subsequent  
sequences for similar errors.

*(IMPORTANT)*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/918,624A

DATE: 01/26/2002

TIME: 12:53:20

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158 gaagatcatc  agagaagtct  tttggctttt  gatcagcagc  ctgccatgca  tcattccttt  2460
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161 tcattagagt  ctcaaaaaca  gatgaactca  gacctgcaa  agcagtgtga  agagttggtg  2640
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198 aataaggaaa  ttcaagagct  cgagcagtta  ttaagttctg  aaaggcaaga  gcttgactgc  4860
199 cttaggaagc  agtatttgtc  agaaaatgaa  cagtggcaac  agaagctgac  aagcgtgact  4920
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/918,624A

DATE: 01/26/2002

TIME: 12:53:20

Input Set : D:\Pa0033.txt

Output Set: N:\CRF3\01252002\I918624A.raw

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202 atcgacacag aagatgctat tcaaggccga aatgagagct gtgacatata aaaagaacat 5100
203 acttcagaaa ctacagaaaag aacaccaaag catgatgttc atcagatttg tgataaagat 5160
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## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/918,624A

DATE: 01/26/2002

TIME: 12:53:21

Input Set : D:\Pa0033.txt

Output Set: N:\CRF3\01252002\I918624A.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:22 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:1  
L:117 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:2  
L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:580 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:7  
L:758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:773 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:12  
L:856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:1001 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:18  
L:1096 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:19  
L:1191 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:21  
L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:1281 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:23  
L:1329 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:24  
L:1378 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:25  
L:1425 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:26  
L:1504 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:27  
L:1585 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:28  
L:1631 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:29  
L:1683 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:30  
L:1767 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:1774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:1810 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:33  
L:2015 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:37  
L:2117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40  
L:2164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41  
L:2178 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:42  
L:2231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:2232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:2233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:2316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44  
L:2317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44  
L:2429 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:47  
L:2453 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:48  
L:2672 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:49

## VERIFICATION SUMMARY

DATE: 01/26/2002

PATENT APPLICATION: US/09/918,624A

TIME: 12:53:21

Input Set : D:\Pa0033.txt

Output Set: N:\CRF3\01252002\I918624A.raw

L:2730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
L:2765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:2766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:2778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:2785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:2817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52  
L:2820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52  
L:2832 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:53  
L:2871 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:54  
L:2961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:3078 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58  
L:3088 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:59  
L:3165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
L:3168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60  
L:3199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:3230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62  
L:3304 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:63  
L:3352 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:64  
L:3507 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:67